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No. 19]

NEW DELHI, SATURDAY, MAY 8, 1993 (VAISAKHA 18, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 1st May 1993

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पेटेंट कार्यालय
एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 8 मई 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा चम्पई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रवर्णित हैं :—

पेटेंट कार्यालय शाखा, टोड़ी इस्टेट,
तीसरा तल, लोहर परेल (पश्चिम),
चम्पई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
हरन्वती मार्ग, करोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाजह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, कोरम, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिन्निकाय तथा एमिनिस्विट द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का विशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

ALTERATION OF DATE UNDER SECTION 16
OF THE ACT

172214

Filed on 11 Dec 1989.

(1168/DEL/89)

Ante-dated to 21 Oct 1987.

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकसूत्र की उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में गथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अन्तर्गत हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फ्रेज प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे दृष्टिगत चित्र आरेख वागों को जोड़कर उसे 2 से गणा करके (क्योंकि प्रत्येक पृष्ठ या लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का दृष्टिकलन किया जा सकता है।

Ind. Cl. : 70A

172211

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Int. Cl.⁴ : B01J 19/00.

ELECTROLYTIC CELL.

12 Claims

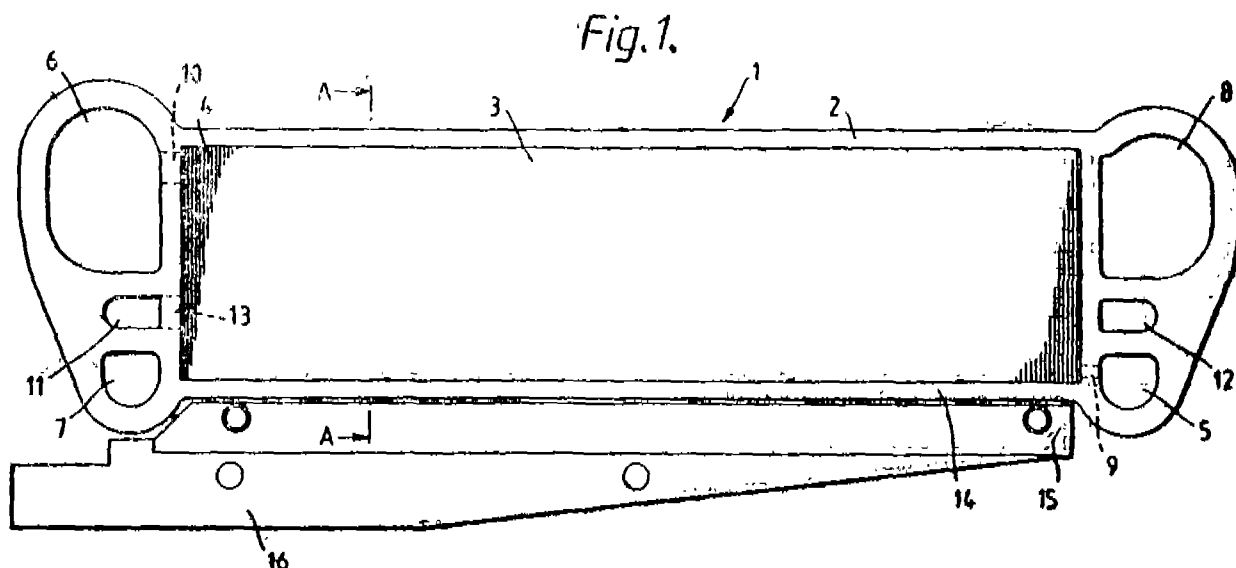
Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor : COLIN BRERETON.

Application for Patent No. 933/Del/87 filed on 26 Oct 1987.

Convention date 07 Nov 1986/8626629/U.K.

An electrolytic cell comprising a plurality of substantially vertically positioned electrodes (1) and a separator located between adjacent pairs of electrodes thereby dividing the cell into a plurality of separate electrode compartments, characterised in that a barrier member (33,56) is located at an upper part (35) of an electrode compartment between an electrode (7) and an adjacent separator (119) said barrier member shielding the separator from contact with a gaseous product of electrolysis which may collect in an upper part of the electrode compartment.



(Complete specn. 30 pages)

Drgs. 8 sheets)

Ind. Cl. : 157D4(L)

172212

Int. Cl.⁴ : E 01 B 9/00, 9/34.

AN ATTACHMENT DEVICE FOR SECURING A RAIL TO A RAILROAD TIE.

Applicant : SCHWIBAG GESELLSCHAFT FÜR EISENBAHNÖBERBAU MBH, OF AN DER LEBERNS-TRASSE 3, CH-8274 TÄGERWILLEN, SWITZERLAND, A SWISS COMPANY.

Inventor : SIEGFRIED KEUSCH.

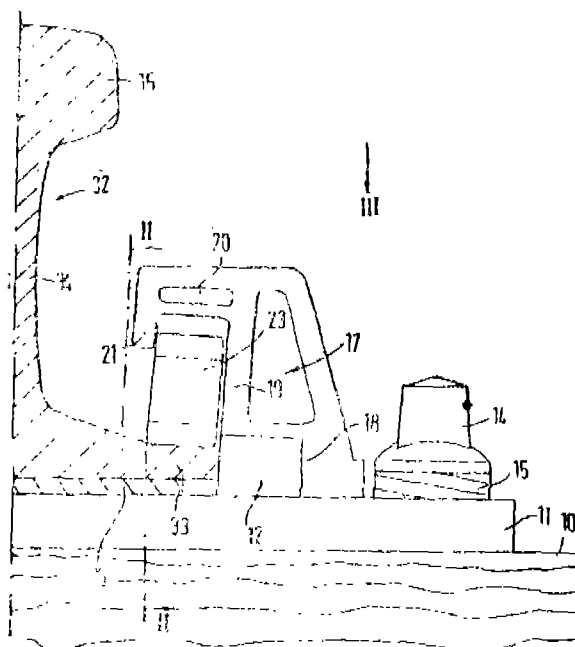
Application for Patent No. 969/Del/87 filed on 11th November, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

17 Claims

An attachment device for securing a rail to a railroad tie, (10) said device comprising a base plate (11) having guide ribs (12) for abutment against a rail foot (33), said base plate being securable to said tie, anchorage openings (13) located in said guide ribs, anchors (17) positionable in respective ones of said anchorage openings, each said anchor having an abutment for clamping said rail foot to said base plate, characterised in that said abutment is an extension arm (20) integral with said anchor and projects beyond and above said rail foot, said anchors being provided on both sides of said rail (32), a resilient clamping element (23) extending in the longitudinal direction of said rail and positioned in a channel located between the rail foot and said extension arm, said clamping element being subjected to deformation and

being maintained under tension between said rail foot and said extension arm.



(Complete specn. 18 pages

Drgs. 5 sheets)

Ind. Cl. : 128 C

172213

Int. Cl.⁴ : A61M 3/00.

INJECTION DEVICE.

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION, A BRITISH CORPORATION ESTABLISHED BY STATUTE, OF 101 NEWINGTON CAUSEWAY, LONDON SE1 6BU, ENGLAND.

Inventors : PHILLIP OWEN BYRNE, PENELOPE ROSEMARY SISSON AND HARRY RAYMOND INGHAM.

Application for Patent No. 1047/Del/87 filed on 08 Dec 1987.

Convention date 16 Dec 1986/8630016/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

12 Claims

An injection device comprising a substantially cylindrical barrel (4) having first and second ends, substantially closed at said first end thereof and having an aperture in said substantially closed end to permit passage of an injection needle (9) therethrough, a needle support member (10) carrying an injection needle and slidably located within said barrel, being axially slidable between a forward position in which said needle extends through said aperture and a rearward position in which said needle lies wholly retracted within said barrel, said needle support member being engaged by one end of a liquid container (12) also within said barrel, and a plunger mounted at the said second end of said barrel and axially slidable within said barrel towards and away from said first end of said barrel, to express liquid from said container through said needle by movement towards said first end to withdraw said needle support member by movement away from said first end.

(Complete specification 18 pages; Drawing Sheets 4)

Ind. Cl. : 32 B.

172214

Int. Cl.⁴ : C07C 15/00.

A PROCESS FOR THE PREPARATION OF 1-(1, 5-DIMETHYL-(SUBSTITUTED)-HEXYL - 4 - METHYLBENZENES FROM ZINGBERENE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (XXI OF 1860).

Inventors : AMBUJAM NIRMALA MENON & JANASWAMY MADHUSUDANA RAO.

Application for Patent No. 1168/DEL/89 filed on 11 Dec 1989.

Divisional to Application No. 923/DEL/87 filed on 21 Oct 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi.

6 Claims

A process for the preparation of 1-(1, 5-dimethyl-5-dimethyl-5-(substituted)-hexyl)-4-methylbenzenes of the general formula IV.



wherein R represents H, CH₃, COH and COCH₃ which comprises bubbling anhydrous HCL gas through zingberene of formula I



in the presence of a catalyst such as cuprous chloride to obtain 1-(1, 5-dimethyl-5-chlorohexyl)-4-methyl benzene, (a tertiary chloride), of the formula III



washing the resultant tertiary chloride, then reacting the said washed tertiary chloride of the formula III with ROH where R has the meaning given above in the presence of zinc oxide.

(Complete specification 7 pages; Drawing Sheet 1)

Ind. Cl. : 140 A2.

Int. Cl. 4 : C 08 F 8/00, 8/14, 12/00, 12/08, C 10 M 143/00, 143/10

A LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, OF 29-400 LAKELAND BOULEVARD WICKLIFFE, OHIO 44092 U.S.A., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA.

Inventors : DENNIS MICHAEL DISHONG & RECHARD MICHAEL LANGE.

Application for Patent No. : 98/DEL/88 filed on 3rd February, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office Branch, New Delhi-110005

7 Claims

A lubricating composition comprising from 70 to 97% by wt. amount of an oil of lubricating quality and from 3 to 30% by wt. of an oil soluble mixed ester of a carboxy-containing interpolymer having an inherent viscosity of from 0.05 to 1.5, said ester having from 0 to 10 percent titratable acidity and being characterised by the presence within its structure of at least one of each of two pendant polar groups :

(A) a high molecular weight carboxylic ester group having at least eight aliphatic carbon atoms in the ester radical; and

(B) a low molecular weight carboxylic ester group having no more than seven aliphatic carbon atoms in the ester radical wherein the molar ratio of (A) : (B) is (1—10) : (1).

(Complete specification 30 pages; Drawing sheet One)

Ind. Cl. : 11 C.

172216

Int. Cl.⁴ : A 61 G 11/00.**INCUBATOR FOR A PREMATURE OR A NEW BORN INFANT.**

Applicant : DRAGERWERK AKTIENGESELLSCHAFT, OF MOISLINGER ALLEE 53-55 D-2400 LUBECK FEDERAL REPUBLIC OF GERMANY.

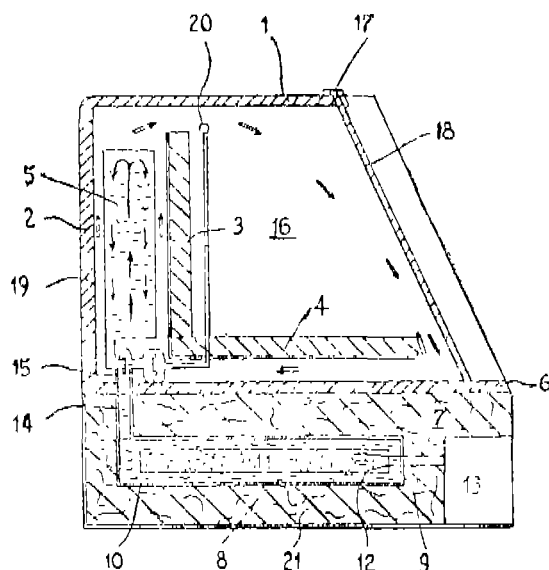
Inventor : JOCHIM KOCH.

Application for Patent No. 104/Del/88 filed on 8th February, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

An incubator for a premature or new-born infant, comprising a compartment (16) for accommodating an infant, said compartment having a heat-store (8) consisting of a housing having a core connected to a heating member, said heat store being located within the base (6) of said compartment, said base (6) being made of heat-insulating material for providing insulation to said compartment (16) from said heat store and to the outside of the incubator (1), said compartment having a heat exchanger (5) disposed in a convection channel (19) located at the rear of the compartment (16), said heat-store (8) and said heat exchanger (5) being in fluid communication by means of a heat exchanger fluid (10) which is heated by the heat-store (8) thereby enabling said fluid to flow into said heat exchanger (5) and to emit heat into the air in said convection channel, said fluid being controlled by valve means (15).



(Compl. specn. 9 pages

Drg. 1 sheet)

Ind. Cl. : 136 E.

172217

Int. Cl.⁴ : E 01 B 27/12.**RAILROAD SWITCH TAMPING MACHINE.**

Applicant : TAMPER CORP., WHOSE FULL POST OFFICE ADDRESS IS, P.O. BOX 20, 2401 EDMUND ROAD, CAYCE-WEST COLUMBIA, SOUTH CAROLINA 29171-0020, UNITED STATES.

Inventors : ROY JAMES MOORE & CALVIN LEROY COY.

Application for Patent No. 105/Del/88 filed on 8th February, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A railroad switch tamping machine comprising :

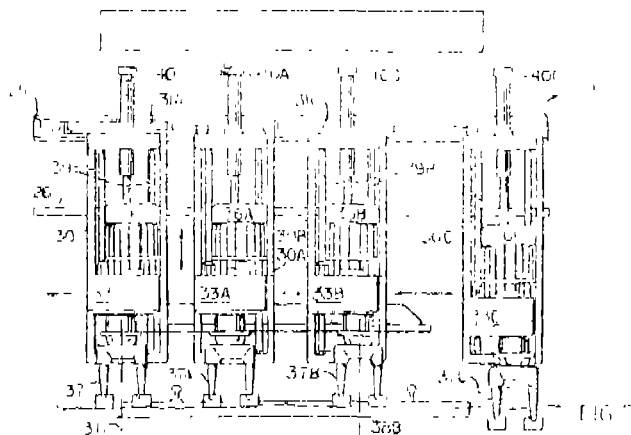
a wheeled rail travelling vehicle;

guide frame means extending transversely of the vehicle;

four tamping units each with a ballast tamping blade mounted for movement in translation parallel to a plane containing the tops of the rails of a track and transversely to the length of the track and mounted for displacement on said guide frame means in a direction perpendicular to said plane;

means for individually moving each of the four tamping units in the direction of said displacement relative to each other tamping unit; and

further means for individually moving each of the four tamping units on said guide frame means for causing said ballast tamping blades to be moved only in translation parallel to said plane and transversely to the length of the track and relative to each other tamping unit.



(Compl. specn. 11 pages

Drgs. 4 sheets).

Ind. Cl. : 147 J.

172218

Int. Cl.⁴ : H 04 R 1/20.**AN IMPROVED LOUDSPEAKER.**

Applicant : JIMMY FANG, A CHINESE CITIZEN OF 108 N. YNEZ AVENUE, SUITE 128 MOUNTEREY PARK, CALIFORNIA 91754, UNITED STATES OF AMERICA AND PETER TSUNG HOU FEI, U. S. CITIZEN OF 265 E. BAY, COSTA MESSA, CALIFORNIA 92627, UNITED STATES OF AMERICA.

Inventors : JIMMY FANG & PETER TSUNG HOU FEI.

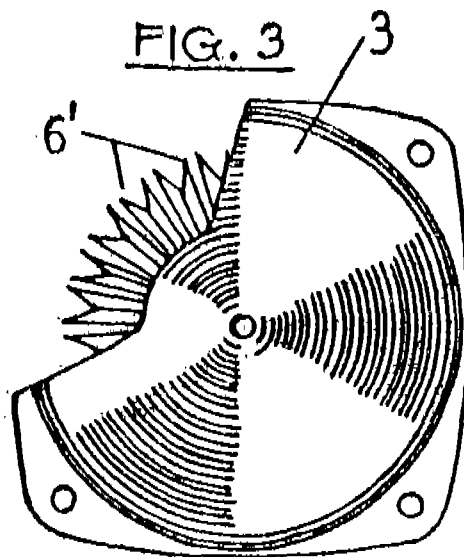
Application for Patent No. 118/Del/88 filed on 11th February, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

An improved loudspeaker comprising a speaker cone (3) for generating sound waves, a yoke (4), and a permanent magnet (5) mounted within a frame (2), characterised by said frame (2) being a filtering frame for reducing interference of said speaker cone (3) from negative sound waves generated within a loudspeaker cabinet for mounting the loudspeaker (1), said filtering frame (2) comprising a corrugated filter having a conically-shaped cross-section with a plurality of apexes, said corrugated filter being substantially rigid and having a first and second side (6), and a plurality

of apertures (6) located on said first side at corresponding apexes of said corrugated filter.



(Compl. specn. 9 pages

Drgs. 3 sheets).

Ind. Cl. : 17 A 5 D & 54.

172219

Int. Cl. : A 23 L 1/235 & A 23 N 1/00.

AN EQUIPMENT FOR OBTAINING AQUEOUS EXTRACT OF SEEDS CONTAINING PROTEIN AND OIL.

Applicants : RAJENDRA PRASAD GUPTA AND RASHMI REKHA GUPTA, CANADIAN NATIONALS, OF 627 GAINES DRIVE, GLOUCESTER, ONTARIO, K1J 7W7.

Inventors : IDEM.

Application for Patent No. 156/Del/88 filed on 01-03-88.
Convention date 12 Mar 1987/529530/CANADA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

6 Claims

An equipment for obtaining aqueous extract of seeds containing protein and oil such as soybeans comprising a chamber which is devoid of free-oxygen therein to prevent enzymes present in the seeds from producing off-flavours and bitter taste during the disintegration of said seeds, the said chamber provided with :

- (i) means for introducing into said chamber, seeds of which the aqueous extract is to be obtained;
- (ii) means for disintegrating the seeds in the chamber;
- (iii) means connected to air suction means to remove completely free-oxygen or aid present in the chamber;
- (iv) temperature control means to maintain a temperature in the chamber which is lower than the temperature required to inactivate the enzymes and concomitantly insolubilize the seed proteins;
- (v) means to introduce into said chamber an aqueous medium comprising ordinary water, deaerated water, dilute aqueous solution of an acid, dilute aqueous solution of an alkali or dilute aqueous solution of a salt; and
- (vi) discharge means to remove continuously from the chamber without introducing any air into the chamber, the aqueous extract of the seeds after these have been extracted by the aqueous medium.

(Compl. specn. 10 pages

Drgs. 3 sheets).

Ind. Cl. : 140 A₂.

172220

Int. Cl.⁴ : B 01 F 17/00.

A PROCESS FOR PREPARING A HIGH MOLECULAR WEIGHT ADDITIVE/DISPERSANT.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : THOMAS FRIER STECKEL.

Application for Patent No. 42/Del/89 filed on 18th January, 1989.

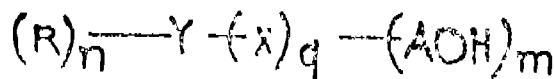
Divisional to Patent Application No. 178/Del/86 filed on 28th February, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

3 Claims

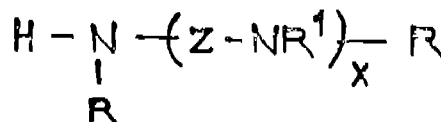
A process for preparing a high molecular weight additive/dispersant, such as herein described which comprises reacting in the presence of an acid catalyst of the kind such as herein described and at a temperature in the range of from 60°C to 265°C, (I) at least one reactant selected from the group consisting of : hydrocarbyl substituted carboxylic acids or derivatives thereof containing at least about 34 carbon atoms with

(II) at least one polyamine reactant derived from a hydroxyalkyl or hydroxyaryl compound of the formula II :—



as shown in the accompanying drawings; and

(III) an amine reactant of the formula :—



shown in the accompanying drawings,

wherein R is independently hydrogen or hydrocarbyl, R' is hydrogen, alkyl or "NH₂R" (NR") wherein y ranges from 1 to 6 and R" is an alkylene group of 1 to 10 carbon atoms, Y represents S, N, or O; X is an alkylene group of at least one carbon atom; A is hydrocarbyl; Z is alkylene of 1 to 10 carbon atoms, a heterocyclic nitrogen containing cycloalkylene or oxyalkylene of 1 to 10 carbon atoms, and wherein u is a whole integer greater than one, n is 0, 1 or 2 dependent upon m and q, where q is 01, m is 1, 2 or 3 and x is 1 to 10.

(Compl. specn. 41 pages

Drgs 5 sheets).

Ind. Cl. : 173 A. B [XXIX(2)]

172221

Int. Cl.⁴ : B0 5 B 3/00.

SPRINKLING DEVICE.

Applicant : SILKBELL LIMITED, A COMPANY INCORPORATED IN ACCORDANCE WITH THE LAWS OF HONG KONG OF 2904 WING ON CENTRE, 111 CONNAUGHT ROAD, CENTRAL HONG KONG.

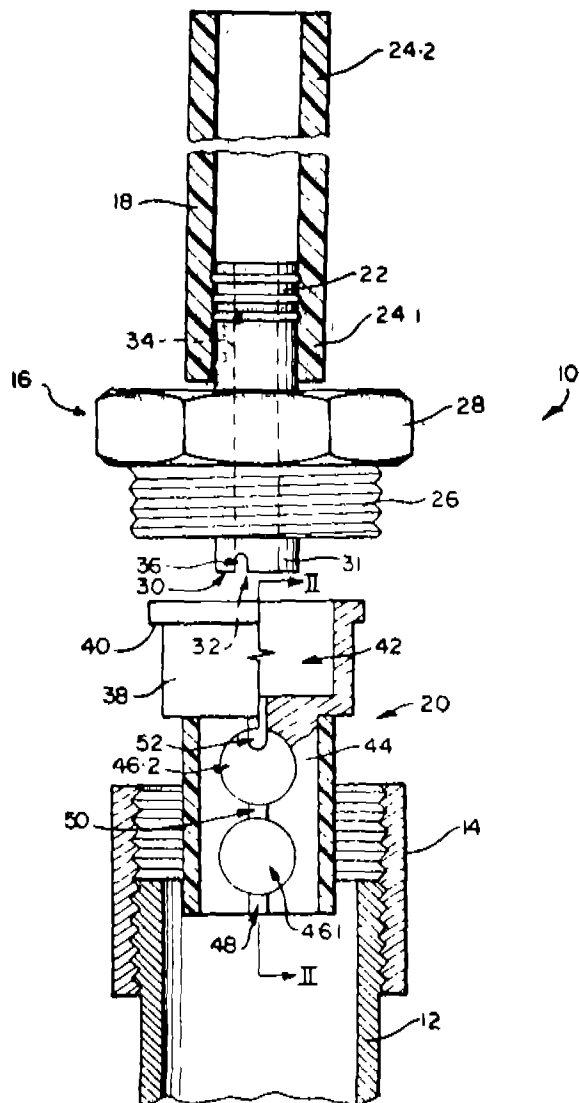
Inventor : LOURENS ABRAM VILJEON HIEMSTRA.

Application No. 546/Mas/88 filed on 29th July 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Madras.

10 Claims

A sprinkling device for liquids, which comprises an emitter tube of resiliently flexible material having a mounted inlet end and an unmounted outlet end, and a fitting having a nipple onto which the inlet end of the emitter tube is mounted, the fitting being provided with means upstream of the inlet end for imparting swirling motion to the liquid entering the emitter tube.



(Compl. specn. 17 pages,

Drgs. 4 sheets).

Ind. Cl. 129 G [GROUP XXXV]

172222

Int. Cl.⁴ : B 21 K 1/18

METHOD OF MAKING A PISTON HAVING A PEG

Applicant : AKEBONO BRAKE INDUSTRY CO., LTD. OF NO. 19-5, KOAMI-CHO, NIHONBASHI, CHUO-KU TOKYO, JAPAN, A JAPANESE COMPANY.

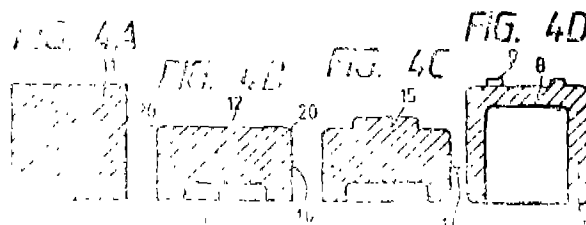
Inventors : 1. TAMOTSU KANAL, 2. KATSUNORI HAYASHI

Application No. 608/Mas/88 filed on 30th August, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

7 Claims

A method of making a piston having a peg projecting from and disposed on a top surface of an end portion for use in a fluid pressure type brake apparatus comprising the steps of preparing a metal piece having a predetermined measure, forming a first preform having a flat top surface and a bottom surface configured with a central recessed portion, forming a second preform from said first preform, said second preform having a portion projecting from said flat top surface and forming a projecting peg from a portion of said projecting portion on said flat top surface to obtain a piston having a peg disposed on a top surface of an end portion.



(Com. Spec. — 13 pages; Drgs. — 3 sheets)

Ind. Cl. : 194 C [GROUP LXIII (4)]

172223

Int. Cl.⁴ : B 63 B 9/00

A DEVICE FOR SWEEPING MARINE MINES

Applicant : SA MARINE AB OF PO BOX, 2001, S-261 02 LANDSKRONA, SWEDEN, A SWEDISH COMPANY.

Inventors : 1. TOMAS OHRWALL
2. THORD OLSSON
3. MATS GUSTAVSSON

Application No. 720/Mas/88 filed on 14th October, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Madras.

6 Claims

A device for sweeping marine mines comprising a magnetic sensor, a vessel characterised in that at least three electrodes (10, 11, 13) are connected to the said vessel (12) to be towed behind the vessel (12) and a power source located in said vessel (12) with means for supplying and controlling current individually to each of the said electrodes (10, 11, 13) to set up a magnetic field in the water surrounding the said electrodes (10, 11, 13).



(Com. Spec. — 11 pages; Drgs. — 3 sheets)

Ind. Cl. : 207 — [GROUP — XLIII(6)]

172224

Int. Cl.⁴ : B 27 N 3/02; 3/08

A DOUBLE BAND PRESS FOR THE CONTINUOUS MANUFACTURE OF WOOD-CHIP PANELS AND THE LIKE

Applicant : EDUARD KUSTERS MASCHINENFABRIK GMBH & CO. KG, OF GLADBACHER STRASSE 457, D-4150 KREFELD 1, FEDERAL REPUBLIC OF GERMANY, A GERMAN COMPANY.

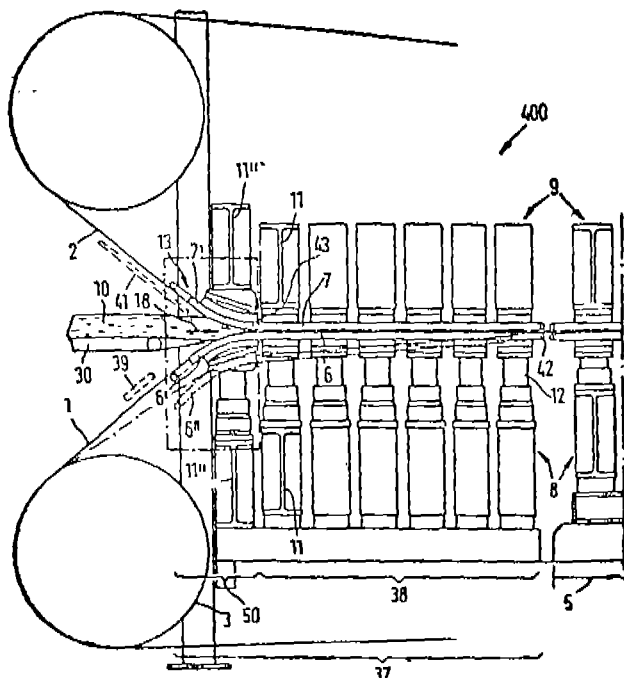
Inventors : (1) KARL-HEINZ AHRWEILER
(2) BERND HEIMES

Application No. 744/Mas/88 filed October 26, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch Madras.

10 Claims

Double-band press for the continuous manufacture of wood-chip panels and the like from panel material consisting of wood particles held together by a bonding agent which hardens under the influence of heat and pressure comprises two metal bands, supported on a support structure, which circulate endlessly, above one another at the same speed, around deflection guide drums, and through a flat compression stretch, between the two metal bands a mat is provided, the said mat consisting of wood particles enters a heated feed-in gap in the support structure being progressively narrower, in the direction perpendicular to the mat, in the direction of forward travel and between the said feed-in gap the mat being compressed in the flat stretch, under the influence of heat and pressure, a feed-in system for forming the said mat and fed into the feed-in gap between the forming bands, a supply device comprising tray (30) located above the upper run (1') of the lower forming band (1) and reaching up to the upper guide drum (4), over which the mat (10) is introduced into the feed-in gap between the forming bands (1, 2), at least one of the support plates (6, 7) of the support structure (8, 9) defining the feed-in gap (13), supports and forming band positioned there with transmission of pressure and heat, and it is pre-curved convexly in the vertical longitudinal plane of the double-band press (400) in relation to the mat (10), the forming band closely adapts to the pre-curvature, in which case the pre-curvature and the heat-transfer are designed in such a way that the distance (36) from the points (34, 35) of first contact of the forming bands (1, 2) with the mat (10) up to the transition point (43) to the adjoining flat portion of the support plates (6, 7) is traversed in a period of time during which the heat transmitted through the forming bands (1, 2) has not yet penetrated into the inner zone (10'') of the mat (10), the pre-curved feed-in zone (50) of the support plates, in the direction of travel of the mat (10), is adjoined by an essentially flat stretch of the support plates to form an integral rigid unit which is located upstream of the compression stretch (5), and being pivoted about a transverse axis (42) situated at the far end of the support plate when seen in the direction of travel of the mat (10), and the vertical distance of the transverse axis (42) below the opposite support plate (7) is adjustable.



(Com.—23 pages;

Drwgs.—5 sheets)

Ind. Cl. : 175 F[XIV(3)]

172225

Int. Cl.⁴ : F 16J 15/12.

AN IMPROVED GASKET FOR CYLINDER HEAD OF ENGINES.

Applicant : DANA CORPORATION, A CORPORATION OF THE STATE OF VIRGINIA, USA, OF 4500 DORR STREET, TOLEDO, OHIO 43615 U.S.A.

Inventors : 1. PAUL ERNEST GALLO
2. JAMES HAROLD LARSEN
3. MARY KATHERINE JURCZYK.

Applicaton No. 772/Mas/88 filed on 4th November 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

9 Claims

An improved gasket for cylinder head of engines comprising a core element (17, 32) having a plurality of retaining means (18 to 23 and 35 to 38), a first facing layer (24, 33) formed of a materia having good thermal conductivity and mechanically retained to one side of the said core element (17, 32) by said retaining means, and a second facing layer (25, 34) formed of a compressible material and retained on the opposite side of said core element by the said retaining means.

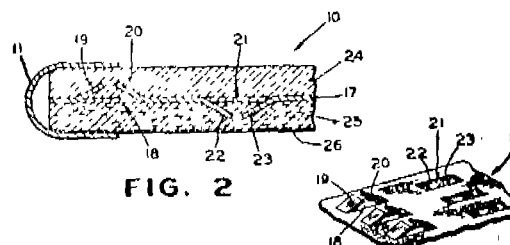
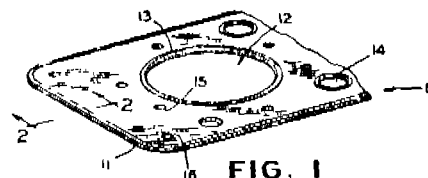


FIG. 3

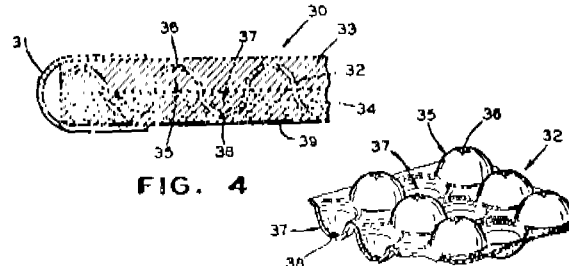


Fig. 5

(Compl. specn. 10 pages

Drg. 1 sheet)

Ind. Cl. : 24 F [LV]

172226

Int. Cl.⁴ : F 16 D—66/02.

A BRAKE BLOCK HAVING A FRICTION ELEMENT.

Applicants : ABEX CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF DELAWARE, U.S.A. OF 4800 PRUDENTIAL TOWER BOSTON, MASSACHSETTS U.S.A.

Inventors : RAYMOND J NOVOTNY
ROBERT B McCUNE.

Application No. 773/Mas/88 filed on 4th November, 1988.

9 Claims

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

15 Claims

A brake block having a friction element with a friction face for contacting the braking face of a brake drum and an integral thermocouple which produces a signal indicative alternatively of the steady state temperature of the brake block friction element and of the transient temperature of the friction element-brake drum interface, the said brake block comprising :

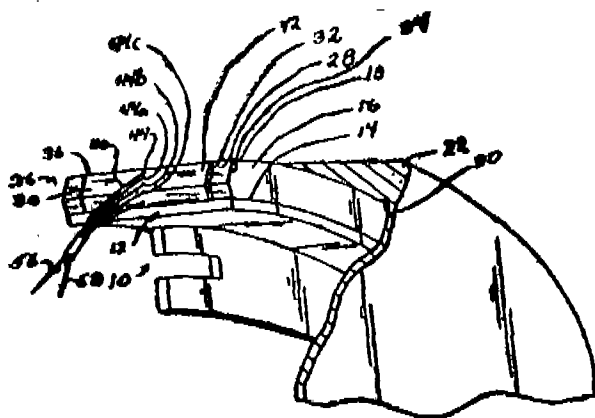
an erodible metallic plate forming one element of the junction of the thermocouple affixed to said brake block;

said metallic plate has the same depth as said friction element and a working face parallel with the friction face of the said friction element;

said working face engages the braking face of the said brake drum when said brake block friction element is moved into contact with said brake drum for the erosion of said metallic plate with said friction element in a direction perpendicular to said interface;

said metallic plate having a width greater than its thickness and sufficient to ensure that the majority of said working face engages the working face of said brake drum when said friction element is moved into contact with said brake drum; and

at least one alloy lead affixed to said metallic plate to form the second element of the junction of said thermocouple.



(Complete specn. 20 pages

Drgs. 2 sheets)

Ind. Class : 155-E—[GROUP-XXIII]

172227

Int. Cl.⁴ : A 41 B 13/02.

A DISPOSABLE DIAPER WITH IMPROVED FASTENER ATTACHMENT.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 3M CENTER, SAINT PAUL, MINNESOTA-55144, U.S.A.

Inventors : (1) LEIGH EARL WOOD
(2) JOHN ANTHONY MILIER
(3) ALAN JON SIPINEN
(4) SUSAN KAY NESTEGARD.

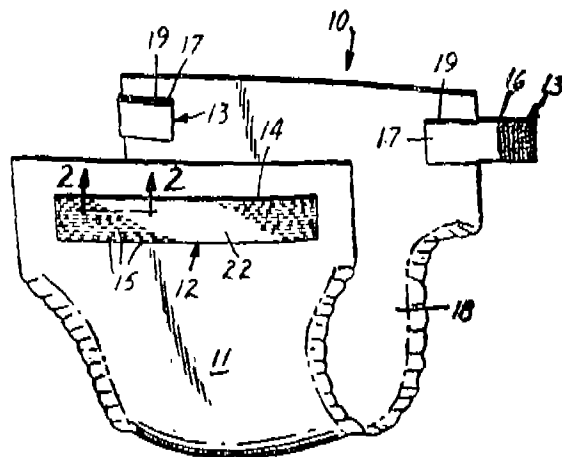
Application No. 843/Mas/88 filed on November 28, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

A disposable diaper with improved fastener attachment comprising :

a heat and pressure-sensitive polyolefin layer, a fastener with fastener portions having first and second major surfaces and mechanically engageable means along the first surfaces of said fastener portions adapted for releasably mechanically engaging each other; and

a bonding layer adhering the second surface of at least one of said fastener portions to said polyolefin layer, wherein said bonding layer (14, 14a, 36) is of room-temperature non-tacky thermoplastic material, bonded to the polyolefin layer (11) under heat and pressure that leaves the polyolefin layer (11) substantially undeformed and holds the fastener portion (12, 12a, 30) to the polyolefin layer (11) with greater force than that which is required to separate the engaged fastener (12, 13) so that the fastener (12, 13) may be repetitively closed and opened.



(Compl. specn. 28 pages

Drsg. 2 sheets)

Ind. Class : 85J [XXXI]

172228

Int. Class⁴ : H 05 B 7/102.

APPARATUS FOR POSITIONING A CONSUMABLE ELECTRODE IN A FURNACE.

Applicant : MANNESMANN AKTIENGESellschaft, OF MANNESMANNUFER 2, D-4000 DUSSELDORF 1, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. ING. HERIBERT KONIG
2. ING. HEINZ STARK ERFTSTR.

Application No. 846/Mas/88 filed on 28th November, 1988.

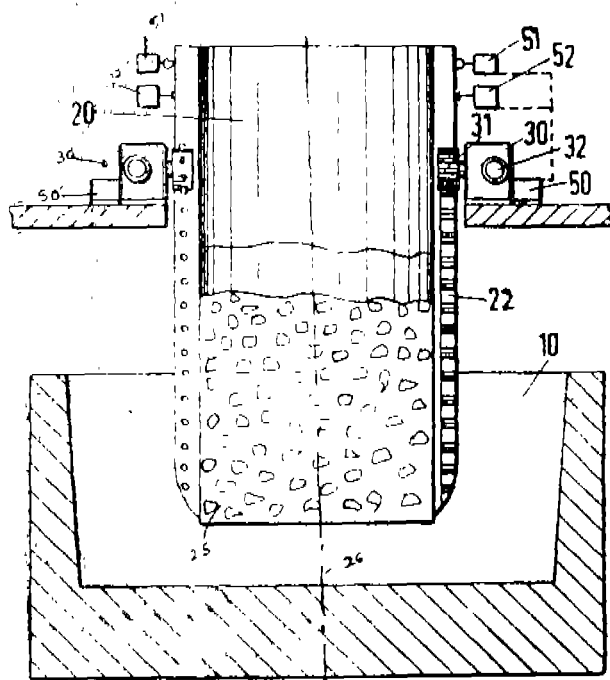
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Madras.

12 Claims

Apparatus for positioning a consumable electrode in a furnace, the electrode having a jacket with at least two radially outwardly projecting longitudinal ribs, the positioning apparatus comprising :

at least one wheel with projections engaging one of the longitudinal ribs and providing a deformation thereof in terms of indentation which thereby is and remains briefly in engagement with said wheel such that the wheel with and through its projection holds and advances that electrode;

at least one counter wheel cooperating with the said wheel having the projections.



(Compl. specn. 14 pages)

(Drgs. 3 sheets)

Ind. Cl. : 65 B 3 [LVII(2)]

172230

Int. Cl. : H 01 F, 15/10

CONTACT DEVICE FOR A TAP SELECTOR A TAPPED TRANSFORMER.

Application : MASCHINENFABRIK REINHAUSEN GmbH OF FALKENSTENINSTRASSE 8, 8400 REGENSBURG, FEDERAL REPUBLIC OF GERMANY, A COMPANY ORGANISED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : ALEXANDER BLEIBTREU.
DIETER DOHNAL.
ROLF LAUTERWALD.
LEO PILLMETER.

Application No. 921/MAS/88 filed on 27th December, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972, Patent Office Branch, Madras.

(7 Claims)

A contact device for a tap selector of a tapped transformer, the device comprising a cylinder of electrically insulating material, a contact member having a shank portion extending in a bore in the wall of the cylinder, a connecting end portion disposed outside the cylinder, and a bead-shaped contact end portion disposed inside the cylinder and of enlarged cross-section in relation to the shank portion, and a bush of electrically insulating material surrounding the shank portion of the contact member and comprising an inner bushing member provided with a projection bearing against the wall at the inside of the cylinder and an outer bushing member engaged with the inner bushing member and provided with a projection bearing against the wall at the outside of the cylinder, the contact end portion of the contact member bearing firmly against the inner bushing member, and the contact member being retained in the bore in the wall of the cylinder by a deformation of the shank portion at the outside of the cylinder.

Ind. Cl. : 60 A, D [LXVI(3)], 136 K [XIII]. 17229
Int. Cl. : A 41 F — 3/06, B 29 C — 47/52.

"AN ELASTIC BAND AND A METHOD OF MANUFACTURING THE SAME".

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY OF P.O. BOX 33427 ST. PAUL, MINNESOTA 55133 — 3427 UNITED STATES OF AMERICA, A CORPORATION OF THE STATE OF DELAWARE, USA.

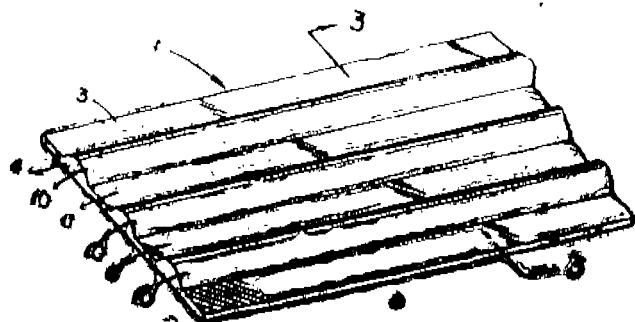
Inventors : 1. ALAN J. SIPINEN,
2. LEIGH E. WOOD,
3. BRADLEY W. EATON.

Application No. 913/MAS/88 filed on 22nd December 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972, Patent Office Branch, Madras.

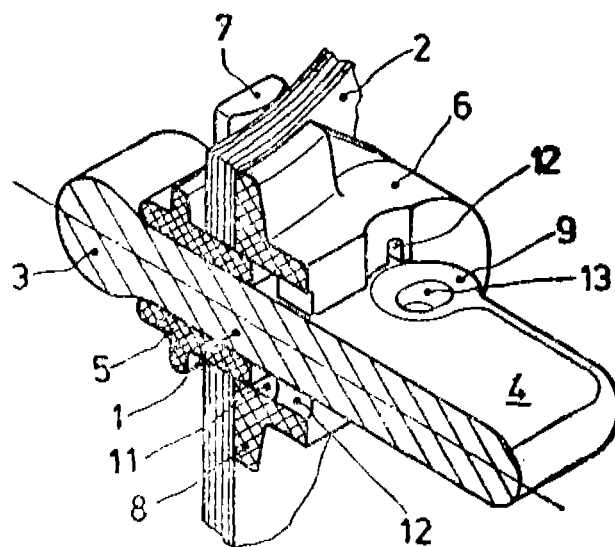
(10 Claims)

An elastic band comprising a plurality of laterally spaced longitudinal ribs and a substantially continuous longitudinal transition zone extending between and attached to each of said longitudinal ribs, said longitudinal ribs having a thickness of at least two times of the thickness of said transition zone.



(Complete specification 33 pages;

Drawing 3 sheets)



(Complete specification : 11 pages;

Drawings : 6 sheets)

RENEWAL FEES PAID

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 169122 169123 169125 169129 169145 169234 169258 169267
 169371 169542 169574 169951 170018

OPPOSITION PROCEEDINGS

The Opposition entered by RESEARCH DESIGNS AND STANDARDS ORGANISATION, to the grant of a Patent on Application No. 170100 made by G H INTERNATIONAL LTD., as notified in Part III, Section 2 of the Gazette of India dated 8th February, 1992, the application has been treated as withdrawn.

PATENT SEALED ON 09-04-93

170063 170064 170065 170066 170067 170203* 170213*D
 170216 170217* 170218 170238*F 170239* 170245 170250*D
 170262*D 170318*D 170341 170342 170345 170378 170382*
 170387 170388* 170596* 170631*

Cal-03, Bom-02, Del-07 & Mas-13.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" Under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of Sealing. (D—DRUG Patent, F—FOOD Patent).

CESSATION DUE TO NON PAYMENT OF RENEWAL FEES

163771 163772 163773 163774 163776 163777 163778 163781
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 163947 163948 163949 163955 163957 163960 163961 163973
 163975 163976 163977 163978 163988 163989 163993 163997
 164004 164005

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration of the design included in the entry.

Class 1. No. 164978. Caranudmetalbox S.A., a French Company, 153, rue de Courceles, 75017 Paris Cedex, France. "Easy opening end closure for containers" November 12, 1992.

Class 1. No. 165141. Peico Electronics & Electricals Ltd. of Shivsagar Estate, Block 'A', Dr. Annie Basant Road, Worli, Bombay-400018, Maharashtra, India, Indian Company. "Luminaire". December 28, 1992.

Class 1. No. 165144. Peico Electronics & Electricals Ltd. of Shivsagar Estate, Block 'A', Dr. Annie Basant Road, Worli, Bombay-400018, Maharashtra, India, Indian Company. "Control Gear Box for Luminaire". December 28, 1992.

Class 1. No. 165152. Hiranmaya Bhattacharjee, Indian of 10, Galif Street, Calcutta-700003, West Bengal, India. "Ball & Socket Joint". December 30, 1992.

Class 3. No. 164064. Hindustan Lever Limited of 165/166 Backbay Reclamation, Bombay-400020, Maharashtra, India. "Bottle". Reciprocity date 14th August, 1991, U.K.

Class 3. No. 165140. Larsen & Toubro Limited, Electronic Group of Kiadb Industrial Estate, Hebbal, Hootagalli, Mysore-571186, Karnataka, India, Indian Company. "Matrix Printer". December 28, 1992.

Copyright extended for the 2nd period of five years.

Nos. 159287 to 159319, 159826, 163379. .. Class 3.
 Nos. 158320, 158176, 158321, 158177 .. Class 5.
 Nos. 159183 .. Class 7.

Copyright extended for the 3rd period of five years.

Nos. 159287 to 159319, 159826, 163379 .. Class 3.
 No. 159183 .. Class 7.

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पब्लिक, भारत सरकार मद्रास, फरीदाबाद द्वारा मद्रि

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1993

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